



Revision	Description	Date
5		
4		
3		
2	ISSUED FOR CONSTRUCTION	2015/02/23
1	ISSUED FOR 99% REVIEW	2014/12/22
0	ISSUED FOR 50% REVIEW	2014/11/20

**ROYAL CANADIAN MOUNTED POLICE  
D-DIVISION**

1091 PORTAGE AVENUE  
WINNIPEG, MANITOBA

Project: **WINNIPEG, MANITOBA  
1091 PORTAGE AVENUE  
D-DIVISION HEADQUARTERS  
FIRING RANGE UPGRADE**

Designed by: **S. Shaw** Conçu par

Drawn by: **C. Falkenberg** Dessiné par

Approved by: **M. Duhoux** Approuvé par

PWOSC Project Manager: **P. Ducharme** Administrateur de Projets TPSGC

Drawing title: **GENERAL NOTES  
WINNIPEG** Titre du dessin

**GENERAL NOTES**

- THE DRAWINGS SHALL NOT BE SCALED FOR INFORMATION.
- THE CONTRACTOR SHALL VISIT THE SITE AND SATISFY HIMSELF THAT ALL DIMENSIONS, DATUMS AND DETAILED INFORMATION SHOWN ARE CORRECT.
- THE CONTRACTOR IS TO REPORT ANY DISCREPANCIES OR OMISSIONS PRIOR TO COMMENCEMENT OF WORK.
- THE CONTRACTOR IS TO REVIEW AND COORDINATE ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR OPENINGS THRU FLOORS, WALLS AND CEILINGS FOR DUCT, PIPING AND ELECTRICAL RISERS.
- PRODUCTS AND MATERIALS ARE TO BE USED AND INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- DIMENSIONS ARE TAKEN TO FACE OF WALL FINISH OR EXTERIOR SHEATHING UNLESS NOTED OTHERWISE.
- ALL OPENINGS THRU EXISTING OR PROPOSED FIRE-RATED ASSEMBLIES, ARE TO BE FIRE STOPPED AND SEALED WITH U.L.C. APPROVED FIRE STOPPING SYSTEM OR EQUAL TO MAINTAIN THE INTEGRITY OF THE FIRE SEPARATION, AND PROVIDE A SMOKE-TIGHT BARRIER.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH AND MAKE GOOD ALL EXISTING CONSTRUCTION AND FINISHES AFFECTED BY THE DEMOLITIONS FORMING PART OF THE RENOVATION WORK IN PREPARATION FOR NEW FINISHES OR INSTALLATIONS. REFER TO ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR ALL DEMOLITIONS AND PROPOSED WORK WITHIN THE EXISTING BUILDING.
- INFILL WALL(S) SHALL MATCH EXISTING WALL WIDTH(S) AND BE FLUSH BOTH SIDES AND MATCH RATINGS WHERE APPLICABLE (BOTH STC AND FIRE).
- WHERE NEW FLOORING IS TO BE INSTALLED IN EXISTING AREAS (REFER TO FLOOR PLAN AND FINISH SCHEDULE) THE EXISTING FLOORING MUST BE REMOVED, UNLESS NOTED OTHERWISE, AND ALL SURFACES PREPARED FOR INSTALLATION OF THE NEW MATERIALS. (IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS).
- WHERE PAINTING OF EXISTING WALLS IS INDICATED ON THE WALL FINISH SCHEDULE, UNLESS NOTED OTHERWISE, THESE WALLS MUST BE CLEANED OF ANY EXISTING WALLCOVERING, PATCHED AND PREPARED TO ACCEPT NEW MATERIAL.

**INTERIOR PARTITION NOTES**

- ALL FIRE-RATED PARTITIONS (ASSEMBLIES) AND/OR FIRE COMPARTMENTS/SEPARATIONS ARE TO EXTEND FROM THE FLOOR SLAB TO THE U/S OF THE FLOOR OR ROOF DECK OVER TO PROVIDE A CONTINUOUS SMOKE TIGHT BARRIER IN SITUATIONS WHERE THE FIRE RATED ASSEMBLY ABUTS OTHER NON-FIRE RATED OR LESSER FIRE RATED PARTITIONS, (INTERIOR OR EXTERIOR), STUD SPACES, CANOPIES, ROOF OVERHANGS OR OTHER SIMILAR CONDITIONS WITHIN THE BUILDING ENVELOPE THAT INTERRUPT THE CONTINUITY OF THE SEPARATION IN WHOLE OR IN PART, THE SEPARATION MUST BE EXTENDED INTO THE CAVITY OR OVERHANG AND TERMINATE AT THE EXTERIOR FINISH TO PROVIDE A CONTINUOUS SMOKE TIGHT BARRIER. PROVIDE CONTINUOUS U.L.C. APPROVED FIRE STOP SEALANT AT TOP AND BOTTOM OF WALL ASSEMBLY WHERE SEALANT WILL BE EXPOSED TO VIEW UTILIZE PAINTABLE SYSTEM.
- ALL PENETRATIONS THRU FIRE RATED PARTITIONS ARE TO BE FILLED AND SEALED WITH A U.L.C. APPROVED FIRE STOPPING SYSTEM TO ENSURE A SMOKE-TIGHT BARRIER. PROVIDE SUITABLE ESCUTCHEON TYPE TRIMS AND/OR CLOSURES WHERE THE PENETRATIONS WILL NOT BE CONCEALED FROM VIEW. SERVICE ROOMS, STORAGE ROOMS AND SIMILAR LOCATIONS WILL NOT REQUIRE ESCUTCHEON TRIMS.
- SOUND-RATED PARTITIONS (ASSEMBLY) ARE TO EXTEND TO THE UNDERSIDE OF FLOOR OR ROOF ASSEMBLY ABOVE. PROVIDE ACOUSTICAL CAULKING BOTH SIDES AT FLOOR AND CEILING. CAULK ALL PENETRATIONS, INCLUDING MECHANICAL PIPING AND ELECTRICAL CONDUITS, WHERE EXPOSED PROVIDE PAINTABLE CAULKING.
- AT LOCATIONS WHERE DIFFERENT THICKNESS OF GYPSUM BOARD ABUT, THE FACES SHALL BE FLUSH.
- WALL SEGMENTS OVER DOORS, SIDELIGHTS OR OTHER OPENINGS SHALL BE FIRE/SMOKE RATED TO THE SAME DEGREE (I.E. 3/4 HOUR, 1 HOUR ETC.) AS THE ADJACENT WALLS.
- FIRE-RATING OF INTERIOR PARTITIONS SHALL BE CONTINUOUS ON ALL SIDES BEHIND RECESSED PANELS, HEATERS, FIXTURES AND ACCESSORIES.
- THE GENERAL CONTRACTOR IS TO COORDINATE AND PROVIDE ADEQUATE WOOD BLOCKING IN ALL WALLS AND PARTITIONS FOR SECURE FASTENING OF ALL WALL-MOUNTED MILLWORK, EQUIPMENT FIXTURES, ACCESSORIES, AND MECHANICAL OR ELECTRICAL PANELS. MOUNTING HEIGHTS ARE TO BE CONFIRMED WHERE NOT SHOWN ON THE DRAWINGS.
- THE GENERAL CONTRACTOR IS TO COORDINATE AND PROVIDE 19mm FIRE-PAINTED PLYWOOD BACKBOARDS AT LOCATIONS NOTED ON THE MECHANICAL AND ELECTRICAL DRAWINGS FOR PANELS AND CONTROLS, ETC. MOUNTING HEIGHTS ARE TO BE CONFIRMED WITH THE CONSULTANT WHERE NOT SHOWN ON THE DRAWINGS.
- OFFSET ELECTRICAL BOXES 300mm MIN. ON WALLS BETWEEN ROOMS.
- ALL EXPOSED GYPSUM BOARD, MISCELLANEOUS METALS, CONCRETE, PLASTER TO BE PAINTED, UNLESS NOTED OTHERWISE.
- INTERIOR DIMENSIONS ARE TAKEN TO FACE OF GYPSUM BOARD UNLESS NOTED/SHOWN OTHERWISE.
- REFER TO SPECIFICATION FOR INTERIOR WALL FINISHES.

**SYMBOL LEGEND:**

- SECTION**
  - 1- SECTION NUMBER
  - 2- DRAWN ON
  - 3- TAKEN FROM
- SECTION DETAIL**
  - 2- SECTION DETAIL NUMBER
  - 2- DRAWN ON
  - 3- TAKEN FROM
- BUILDING SECTION**
  - 1- BUILDING SECTION NUMBER
  - 2- DRAWN ON
  - 3- TAKEN FROM
- ELEVATION**
  - 1- INTERIOR ELEVATION NUMBER
  - 4- SHEET ON WHICH ELEVATION IS DRAWN
- CEILING DESIGNATION**
- GRID BUBBLE**
- DRAWING KEY NOTES**
- WALL TYPES**
- T.B. JOIST** (DATUM) OR LEVEL LINE
- DRAWING REVISION**
- ROOM IDENTIFICATION**
- FLOOR TRANSITION TAG**

**WALL TYPES**

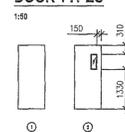
- WALL TYPE 1**  
N.B.C.-59c / STC 59 /  
-2 LAYERS 16mm TYPE "X" GWB  
-152mm STEEL STUDS @ 600mm O/C  
-152mm ACOUSTIC BATT INSULATION  
-2 LAYERS 16mm TYPE "X" GWB
- WALL TYPE 2**  
-1 LAYER 16mm GWB  
-92mm STEEL STUDS @ 400mm O/C  
-1 LAYER 16mm GWB
- WALL TYPE 3**  
-152mm FULLY GROUTED CMU  
-13mm AIRSPACE  
-64mm STEEL STUD @ 600 O/C  
-64mm ACOUSTIC BATT INSULATION  
-1 LAYER 16mm GWB
- WALL TYPE 4**  
-203mm FULLY GROUTED CMU

**DRAWING LEGEND**

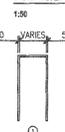
- NEW WALL
- NEW DOOR & FRAME IN NEW WALL
- DOOR TO WALL SPACING  
75mm TYP UNLESS NOTED OTHERWISE
- EXISTING DOOR & FRAME IN NEW OR EXISTING WALL
- DEMOLISHED DOOR AND FRAME
- DEMOLISHED WALL
- UNRATED SMOKE SEPARATION TO U/S STRUCTURE ABOVE
- 2 HOUR FIRE SEPARATION TO U/S STRUCTURE ABOVE
- AREA NOT IN CONTRACT (UNLESS NOTED OTHERWISE)

**INTERIOR DOOR AND FRAME TYPES**

**DOOR TYPES**



**FRAME TYPES**



**WINDOW AND FRAME TYPES**

**WINDOW TYPES**



**FRAME TYPES**



**BUILDING CODE INFORMATION**

(BASED ON 2010 NATIONAL BUILDING CODE OF CANADA)

**COMMENTARY**

THESE COMMENTS ARE PREPARED FOR THE PURPOSE OF THE APPROVAL AUTHORITIES REVIEW. CONTRACTORS SHALL NOT USE THESE FIGURES FOR CONSTRUCTION. REFER TO FULL DOCUMENT SET FOR CONSTRUCTION.

**OCCUPANCY CLASSIFICATION**

PROJECT LOCATION: 1091 PORTAGE AVE. WINNIPEG, MB  
RENOVATION AREA: 354.5 SQ. M. (3,816 SQ. FT.)  
GROSS FLOOR AREA: 21698.8 SQ. M. (233,564 SQ. FT.)

**BUILDING CLASSIFICATION**

MAJOR OCCUPANCIES: GROUP B, DIVISION 1 - 3.2.2.36  
GROUP F, DIVISION 3 - 3.2.2.78  
NO. OF STORIES: 4 STORIES  
THE BUILDING IS NOT CLASSIFIED AS A HIGH BUILDING. THE 5th FLOOR IS A MECHANICAL PENTHOUSE. THE 4th FLOOR IS LESS THAN 36 M ABOVE GRADE.

NO. OF STREETS: 3  
SPRINKLERED: YES (EXISTING)  
CONSTRUCTION: NON-COMBUSTIBLE (EXISTING)

**FIRE SEPARATIONS**

FLOOR ASSEMBLIES: AS EXISTING  
ROOF ASSEMBLIES: AS EXISTING  
ELEMENTS: AS EXISTING